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PN - JP58088044 A 19830526  
 TI - WET TYPE ELECTRIC DUST COLLECTING APPARATUS  
 AB - PURPOSE: To obtain a small scale dust collecting apparatus good in dust collecting efficiency and having a self-cleaning electrode, by a method wherein dust collecting electrodes and discharge electrodes are provided in a cylindrical case and an atomizer apparatus is arranged below said electrodes. CONSTITUTION: Plural dust collecting electrodes 6 are provided in a cylindrical case 1 of which the upper and the lower ends are opened and plural discharge electrodes 5 are provided therebetween and high voltage is applied between each electrodes 5, 6 to generate corona discharge. In addition, an atomizer apparatus 7 is arranged below said electrodes 5, 6 and, when a dirty gas from the lower part of the case 1 is passed between the electrodes 5, 6 in a wet condition while mist particles are mixed in said gas, the contaminant therein is adhered to the dust collecting electrodes 6 but fallen as water droplets because of the wet state. As described above, a small scale dust collecting apparatus having the self-cleaning electrodes and good in efficiency is obtained.

FI - B03C3/01&A; B03C3/16&Z  
 PA - SANYO ELECTRIC CO; TOKYO SANYO ELECTRIC CO  
 IN - NAKAGAWA FUMIO  
 A - JP19810184897 19811117  
 PR - JP19810184897 19811117  
 DT - I

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I - B03C3/01 ; B03C3/16  
 PA - SANYO DENKI KK; others: 01  
 IN - NAKAGAWA FUMIO  
 ABD - 19830810  
 ABV - 007181  
 GR - C180  
 AP - JP19810184897 19811117